SUMMARY

The Advanced Reactors Transition (ART) Project (also known as the FFTF Standby Project) consists of WBS 1.12.1.1, Project Baseline Summary (PBS) TP11.

The ART mission area continued to make progress in April. Technical accomplishments included significant progress on fabrication activities for the Open Test Assembly (OTA) Shear Project, good progress on the Solid Waste Cask (SWC) Hoist Upgrade Project, continued good progress on all phases of the Nuclear Energy (NE) Legacies deactivation work, completion of management review of the Integrated Safety Management System (ISMS) GAP analysis, good progress on the Closed Loop Ex-Vessel Computer Upgrade, and fabrication of several items to assist change out of the P-16 Well Pump Replacement.

Fiscal-year-to-date milestone performance (EA, DOE-HQ, FO, and RL) shows that ten of eleven milestones (91 percent) were completed on or ahead of schedule. There is one overdue milestone, “Complete Reactor and Heat Transport System Sodium Drain,” (B19-98-401, M-81-04-T01.) There is also one forecast late milestone, “Submit Sodium Disposition Evaluation Report/Decision Point,” (B17-98-107, M-81-97-T01.) Both of these milestones are proposed for deletion in Tri-Party Agreement BCR M-91-97-01.

ACCOMPLISHMENTS

- Completed the management review of the ISMS GAP analysis on schedule. (Planned)
- Completed four test fixtures that simulate the various cross-sections to be sheared on the OTA Shear Project on schedule. (Planned)
- Resolved two issues that related to the design requirements of the SWC hoist and a Project position was established on schedule. (Planned)
- Completed removal of the sodium loop from T Plant and shipped the tanks to the 300 Area on schedule. (Planned)
- Completed fabrication of several items to assist change out of the P-16 Well Pump on schedule. (Planned)

COST PERFORMANCE ($M):

	BCWP	ACWP	VARIANCE
Advanced Reactors Transition	$ 24.5	$ 23.1	$ 1.4

The 5.7 percent favorable cost variance is within the established +10 percent threshold.

SCHEDULE PERFORMANCE ($M):

	BCWP	BCWS	VARIANCE
Advanced Reactors Transition	$ 24.5	$ 25.2	($ 0.7)

The 2.8 percent unfavorable schedule variance is within the established - 4 percent threshold.

ISSUES

1) **FY 1999 ART Budget Guidance.** The ART FY 1999 President's Budget Request has $31.2 million for FFTF and $1.9 million for NE Legacies activities. An increase to the FY 1999 budget is needed or staff and scope reduction actions will result. An additional $10 million is required for either a shutdown mission or a tritium/isotope production mission.
Status/Corrective Action: A plan of action was developed for approval. A detailed implementation plan with operational impacts will be completed by June 1, 1998. No staffing actions will be taken without required approval.

COST VARIANCE ANALYSIS: $1.4M

WBS/PBS	Title
1.12/TP11	Advanced Reactors Transition

Description and Cause: Not required.

SCHEDULE VARIANCE ANALYSIS: ($0.7M)

WBS/PBS	Title
1.12/TP11	Advanced Reactors Transition

Description and Cause: Not required.

MILESTONE EXCEPTION REPORT

Number/WBS	Level	Milestone Title	Baseline Date	Baseline Date

OVERDUE - 1

B19-98-401 1.12.1.1	FO	Complete Reactor and Heat Transport System Sodium Drain (M-81-04-T01)	4/30/98	Proposed Deletion

Cause: Due to change in mission from Shutdown to Standby, this milestone is proposed for deletion.
Impact: There will be no programmatic impact once this milestone is deleted.
Corrective Action: This milestone is proposed for deletion per Tri-Party Agreement BCR M-81-97-01, which is in process.

FORECAST DELAY - 1

B17-98-107 1.12.1.1	FO	Submit Sodium disposition Evaluation Report/Decision Point (M-81-02-T01)	6/30/98	Proposed Deletion

Cause: Due to change in mission from Shutdown to Standby, this milestone is proposed for deletion.
Impact: There will be no programmatic impact once this milestone is deleted.
Corrective Action: This milestone is proposed for deletion per Tri-Party Agreement BCR M-81-97-01, which is in process.